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Beck *et al.*
Appl. No.09/547,791

are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor are hereby

authorized to be charged to our Deposit Account No. 19-0036.

Kindly enter the following amendments:

In the Claims:

Please substitute claim 1 with the following claim 1:

1.   (Amended) A weather and terrestrial vegetation-based system for forecasting renovation

and management for a body of water, comprising:

means for accessing a database having stored therein data for analyzing the body of water,

wherein said database includes weather history data, weather forecast data, terrestrial vegetation

history data, terrestrial vegetation forecast data, and body of water history data; and

a renovation system to execute a request from a user to analyze the body of water for

renovation and management by using said weather history data, said weather forecast data, said

terrestrial vegetation history data, said terrestrial vegetation forecast data, and said body of water

history data to determine potential problems for the body of water and potential solutions for said

potential problems.

Please substitute claim 2 with the following claim 2:

2.   (Amended) The system of claim 1, wherein said database data are either passed in via

a front end system, collected by said renovation system, or derived by said renovation

system.

Please substitute claim 3 with the following claim 3:

3.   (Amended) The system of claim 1, further comprising a front end system to receive a request from a user to analyze the body of water for renovation and management, wherein said front end system is a web server.

Please substitute claim 5 with the following claim 5:

5.   (Amended) The system of claim 1, wherein said database further includes a list of observable problems and a list of fundamental problems.

Please substitute claim 6 with the following claim 6:

6.   (Amended) The system of claim 5, wherein said processing modules comprise:

an analyzer module to determine the impact said weather history data and said terrestrial vegetation history data had on actual observable problems of the body of water;

a diagnosis module to determine actual fundamental problems for the body of water based on said actual observable problems;

a remedy module to determine the impact said weather forecast data and said terrestrial vegetation forecast data will have on said actual fundamental problems based on the impact said weather history data and said terrestrial vegetation history data had on said actual observable problems, and then to determine, based on the impact said weather forecast data   and said

terrestrial vegetation forecast data will have on said actual fundamental problems, one or more

solutions for said actual fundamental problems;

a compliance module to determine compliance for each of said solutions; and

a cost module to determine for each of said solutions a list of factors that will aid the user

in the renovation and management of the body of water.

Please substitute claim 15 with the following claim 15:

15.   (Amended) A weather and terrestrial vegetation-based method for forecasting renovation

and management for a body of water, comprising the steps of:

accessing a database having stored therein data for analyzing the body of water, wherein

said database includes weather history data, weather forecast data, terrestrial vegetation history

data, terrestrial vegetation forecast data, and body of water history data; and

executing a request from a user to analyze the body of water for renovation and

management by using said weather history data, said weather forecast data, said terrestrial

vegetation history data, said terrestrial vegetation forecast data, and said body of water history

data to determine potential problems for the body of water and potential solutions for said

potential problems.

Please substitute claim 19 with the following claim 19:

19.   (Amended) The method of claim 15, wherein said database further includes a list of

observable problems and a list of fundamental problems.

Please substitute claim 20 with the following claim 20:

20.   (Amended) The method of claim 19, wherein said performing processing functions step comprises the steps of :

determining the impact said weather history data and said terrestrial vegetation history data had on actual observable problems of the body of water;

determining the actual fundamental problems for the body of water based on said actual observable problems;

determining the impact said weather forecast data and said terrestrial vegetation forecast data will have on said actual fundamental problems based on the impact said weather history data and said terrestrial vegetation history data had on said actual observable problems, and then to determine, based on the impact said weather forecast data and said terrestrial vegetation forecast data will have on said actual fundamental problems, one or more solutions for said actual fundamental problems;

determining compliance for each of said solutions; and

determining, for each of said solutions, a list of factors that will aid the user in the renovation and management of the body of water.